**CURRICULUM PLAN 2024-25**

**B.A. (H) Geography**

**Semester – I (NEP)**

**Name of the Teacher: Prof. Seema Sahdev**

**Paper Name & Paper Code: Digital Cartography (2299101103)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Unit No.** | **Name of Topic** | **Tutorial/Assignment/ Presentation etc.** | **Allocation of Lectures** | **Assessment Tasks** | **Teaching and Learning**  **Activity** |
| 1 | Cartography: definition, history and evolution of cartography, concept & classification of map, digital cartography | Test | 12 (2nd Sept ,2024– 16th Sept, 2024) | Assignments, Hands-on Practice | Classroom Lectures, PPTs, documentaries, discussions and tutorials |
| 2 | Construction & Application of simple scale, comparative scale & diagonal scale. | Test | 12(17th Sept, 2024– 30th Sept, 2024) | Assignments, Hands-on Practice | Classroom Lectures, PPTs, documentaries, discussions and tutorials. |
| 3 | Map projection, construction, properties & uses and limitation of polar Zenithal stereographic projection, conical projection with two standard parallels, Mercator’s projection, concept of UTM | Test | 16(01st Oct , 2024 – 26th October, 2024) | Assignments, Hands-on Practice | Classroom Lectures, PPTs, documentaries, discussions, fieldworks and tutorials. |
| 4 | Interpitation of Topographic Map: identification & interrelationship between physical & cultural feature in a mountain region, cross and longitudinal profile. | Test | 12(4th November, 2024–10th Dec, 2024) | Assignments, Hands-on Practice | Classroom Lectures, PPTs, documentaries, discussions and tutorials. |
| 5 | Concept of point, line and areal data, elements of map design, creation of a digital map using Q-GIS | Test | 8 (11th Dec 2023 – 23th Dec 2024) | Assignments, Hands-on Practice | Classroom Lectures, PPTs, documentaries, discussions and tutorials. |